Appendix A

Annotated Flood Hazard Development Application & Permits Coastal E Model

Flood Hazard Development Permit Application & Permit Forms

For Communities with Coastal Velocity Zones [60.3(e)]

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This document was prepared by the Maine Floodplain Management Program State Planning Office 38 State House Station 184 State Street Augusta, Maine 04333-0038

Phone (207) 287-3261

FLOOD HAZARD DEVELOPMENT APPLICATION

Community Name, Maine (All applicants must complete entire application)

[60.3(e)]

Application is hereby made for a Flood Hazard Development Permit as required under Article II of the Floodplain Management Ordinance of *Community Name*, Maine, for development as defined in said ordinance. This permit application does not preclude the need for other municipal permit applications. [Article II, also, NFIP Reg. Part 60.3(a)(1)]

Owner:	Article III.A.		Address: _	<u>A</u>	Article III.A
Phone No.:	Article III.A.				
Applicant:	Article III.A.		Address: _		Article III.A.
Phone No.:	Article III.A.				
Contractor:	Article III.A.		Address: _	<u> </u>	Article III.A.
Phone No.:	Article III.A.				
LEGAL DESCRIP	TION				
Is this part of a subo	division? ☐ Yes ☐ I	No If yes, give the nam	e of the subd	ivision a	nd lot number:
Subdivision	n: <i>Recommended but i</i>	not required by FPMO	Lot #: _	Same	
Гах Мар: <u>Мар requ</u>	ired in Article III.B. i	s not necessarily a Tax M	<i><u>lap</u> Lot #: _</i>		<u> </u>
	icle III.B. reet/Road Name				
	<i>icle III.B.</i> own/Zip Code				
General explanation	of proposed develop	ment: <u>Article III.D</u>			
Estimated Value of	Proposed Developme	nt:		<u>Improve</u>	III.E. [Necessary to administer Substantial ement requirements or Accessory Structure
Proposed Lowest Flo	oor elevation [for new	or substantially improve	ed structure]:	threshol Article	
OTHER PERMITS	S				
-	quired from State or I yes, are these other pe	Federal jurisdictions? ermits attached?			□ Not Applicable
Development A	Act, Metallic Mineral		Exploration a	and Min	esource Protection Act, Site Location of ing; USACE/Section 9 &10 of the Rivers Commission.
SEWER AND WA	TER				
Sewage Disposal:	☐ Public☐ Existing		<i>I.F., Article V</i> Not Applicabl		, and NFIP Reg. Part 60.3(a)(6)]
Water Supply:	□ Public	☐ Private [Article III	I.F., Article V	<u> I.B., and</u>	d NFIP Reg. Part 60.3(a)(5)]

LOCATION (This section to be comple	ted by Municipal Official)		
Flooding Source (name of river, pond, ocean, etc.): <u>Recomme</u>	ended but not required by FPMO		
□ V1-30 Zone □ VE Zone □ AE Zone □ A1-30 Zone □ A Zone □ FRINGE □ FLOODWAY (1/2 width of floodplain in A Zone)			
Base Flood Elevation (bfe) at the site NGVD [Required for]	New Construction or Substantial Improvement]		
Lowest floor elevation of proposed or existing structure NG	VD [Required for New Construction or Substantial Improvement]		
If proposed development is in an AE or A1-30 Zone and cross section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation of base flood at its content of the section reference letter and elevation reference letter and el			
Cross Section Letter Base Flood Elevation Above Site Below Site Below Site	<u></u>		
Basis of unnumbered A Zone bfe determination: [Article V.B., also NFIP Reg Part 60.3(b)(4)] □ From a Federal Agency: □ USGS □ USDA/NRCS □ USACE □ Other □ From a State Agency: □ MDOT □ Other □ Established by Professional Land Surveyor □ Established by Professional Engineer □ HEC/RAS □ HEC II □ HY 7 □ TR20 □ TR55 □ Quick-2 □ Other			
☐ Highest Known Water Level ☐ Other (Explain) VALUE			
If the development involves work on an existing structure, enter the Market Value of existing structure before improvements: \$\sigma_{Needed to administer Substantial Improvement requirements of Article VI.} □ New Construction or Substantial Improvement □ Minor improvement or minor addition to existing development			
TYPE OF DEVELOPMENT [Article III.D., also Article XIII De] Check the appropriate box to the left of the type(s) of development	_		
☐ 1. Residential Structure Dimensions ☐ 1a. New Structure ☐ 1b. Add to Structure ☐ 1c. Renovations/repairs/maintenance	Cubic Yards 7. Filling ¹ 8. Dredging 9. Excavation		
□ 2. Non-Residential Structure □ □ 2a. New Structure □ □ 2b. Add to Structure □ □ 2c. Renovations/repairs/maintenance	□ 10. Levee □ 11. Drilling Number of Acres □ 12. Mining		
□ 2d. Floodproofing □ 3. Accessory Structure □ 4. Functionally Dependent Use:	☐ 13. Dam: Water surface to be created ☐ 14. Water Course Alteration [Article III.L., also NFIP Reg 60.3(b)(6)] Note: Detailed description must be attached with copies of all		
□4b. Pier □4c. Boat Ramp □4d. Other	 applicable notifications, state and federal permits. □ 15. Storage of equipment or materials □ 16. Sewage Disposal System 		
 □ 5. Paving □ 6. Conditional Use (Lobster/Fish Shed seaward of mean high tide) 	☐ 17. Water Supply System ☐ 18. Other: Explain		
Note: Conditional Use requires add'l. information due to specific standards, public hearing, and Planning Board review.			

 $^{^{\}rm 1}$ Certain prohibitions apply in Velocity Zones

Attach a Site Plan – Drawn to scale with north arrow. [Article III.C.]

- Show property boundaries, floodway, and floodplain lines.
- Show dimensions of the lot.
- Show dimensions and location of existing and/or proposed development on the site.
- Show areas to be cut and filled.

Attach Statement – describing in detail how each applicable development standard in Article VI will be met. [Article III.M.]

For New Construction or Substantial Improvement also show:

- Existing and proposed grade elevations adjacent to the walls of the structure done by a Professional land Surveyor, Architect, or Engineer.
- Location and elevation of temporary elevation reference marks on the site.

Special Note:

Substantial Improvement is defined as any reconstruction, rehabilitation, addition or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the start of construction of the improvement. Please refer to the floodplain management ordinance, Article XIV, for more complete definitions of New Construction and Substantial Improvement.

Structures in Velocity Zones are not permitted on fill or excavations. Structures must be built on open foundation systems, i.e., columns, piles, posts. Certification of structural design, specifications, plans and construction methods completed by a Professional Engineer or Architect shall accompany the application as required in Article VI.L.3. of the floodplain management ordinance. [Article VI.P.]

The applicant understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or sue any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view; and,
- If issued, the permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this application are a true description of the existing property and the proposed development project.

Owner: <u>Recommended</u>	but not required by FPMO Signature	Date: <u>Recommended but not re</u>	equired by FPMO_
or			
Authorized Agent:	Recommended but not required by FPMO Signature	Date: <u>Recommended but not re</u>	quired by FPMO_
[Article IV & V]	(This section to be completed by	Municipal Official)	
Date: Submitted	; Fee Paid; Reviewe	d by CEO; Reviewed by Planning	ng Board
Permit #	Issued by	Date	

FLOOD HAZARD DEVELOPMENT PERMIT **PART I**

Community Name, Maine (For New Construction or Substantial Improvements)

For New Construction or Substantial Improvement of any structure, this Flood Hazard Development Permit allows construction only up to the establishment of the lowest floor. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance. Once the lowest floor is established, the permittee must provide an Elevation Certificate establishing the as built lowest floor elevation. When the Code Enforcement Officer finds the documentation in the Elevation Certificate to be in compliance with the Floodplain Management Ordinance, the Part II Flood Hazard Development Permit shall be issued. The Part II Permit must be issued in order for construction to continue. [Article V.F.1.]

A Part I Flood Hazard Development Permit is hereby issued as provi of Community Name, Maine, for development as defined in said ord	
Tax Map: Lot #: [Recommended but not required by FPMO]	
Project Description:	
[Recommended but not required by FPMO]	
The permittee understands and agrees that:	
 The permit is issued on the representations made herein and on the permit may be revoked because of any breach of representations. Once a permit is revoked all work shall cease until the permit is. The permit will not grant any right or privilege to erect any struct manner prohibited by the ordinances, codes, or regulations of the The permittee hereby gives consent to the Code Enforcement Of the Floodplain Management Ordinance; The permit form will be posted in a conspicuous place on the present the permit will expire if no work is commenced within 180 day. I hereby certify that all the statements in, and in the attachments to the proposed development project. 	ation; reissued or a new permit is issued; cture or use any premises described for any purposes or in any ne municipality; officer to enter and inspect activity covered under the provisions of remises in plain view; and, ys of issuance.
Owner: <u>Recommended but not required by FPMO</u> Signature or	Date: <u>Recommended but not required by FPMO</u>
Authorized Agent: <u>Recommended but not required by FPMO</u> Signature	Date:Recommended but not required by FPMO
Issued by:Recommended but not required by FPMO	Date:Recommended but not required by FPMO

Permit #: <u>Recommended but not required by FPMO</u>

FLOOD HAZARD DEVELOPMENT PERMIT **PART II**

Community Name, Maine (For completion of New Construction or Substantial Improvements)

The following information has been submitted and found compliant with the Development Standards of the Floodplain Management Ordinance:

	FEMA Elevation Certificate Form 81-31 [Article V.F.1.]			
For con	nstruction in Zones V1-30 and VE only:			
	Review of the structural design, specifications, plans, and construction methods by a Professional Engineer or Architect certifying that they meet or exceed the technical criteria contained in the FEMA/Coastal Construction Manual and are in accordance with accepted standard of practice for meeting the criteria of Article VI.P.2. [Article VI.P.2&3.]			
	II Flood Hazard Development Permit is hereby issued as provided und amunity Name, Maine, for development as defined in said ordinance.	der Article V.F. of the Floodplain Management Ordinanc		
Tax Ma	ap: Lot #: nmended but not required by the FPMO]			
The pe	rmittee understands and agrees that:			
 Th On Th ma Th the Th Th 	e permit is issued on the representations made herein and on the eleval e permit may be revoked because of any breach of representation; are a permit is revoked all work shall cease until the permit is reissued to epermit will not grant any right or privilege to erect any structure or unner prohibited by the ordinances, codes, or regulations of the municiple permittee hereby gives consent to the Code Enforcement Officer to a Floodplain Management Ordinance; the permit form will be posted in a conspicuous place on the premises in the permit will expire if no work is commenced within 180 days of issue y certify that all the statements in, and in the attachments to this permit and development project.	or a new permit is issued; use any premises described for any purposes or in any pality; enter and inspect activity covered under the provisions on plain view; and, ance.		
Owner:	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMC</u>		
Author	ized Agent: <u>Recommended but not required by the FPMO</u> Signature	Date: <u>Recommended but not required by the FPMO</u>		
Issued l	by:Recommended but not required by the FPMO	Date: <u>Recommended but not required by the FPMO</u>		
Permit	#:Recommended but not required by the FPMO			

FLOOD HAZARD DEVELOPMENT PERMIT

For Minor Development Community Name, Maine

(For Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. of the Floodplain Management Ordinance of Community Name, Maine, for development in a Special Flood Hazard Area as defined in said ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: Lot #: [Recommended but not required by the FPMO]	
Project Description:	
The permittee understands and agrees that:	
 The permit is issued on the representations made herein and on the ap The permit may be revoked because of any breach of representation; Once a permit is revoked all work shall cease until the permit is reissue. The permit will not grant any right or privilege to erect any structure of manner prohibited by the ordinances, codes, or regulations of the mur. The permittee hereby gives consent to the Code Enforcement Officer the Floodplain Management Ordinance; The permit form will be posted in a conspicuous place on the premise. The permit will expire if no work is commenced within 180 days of is a large proposed development project. 	ued or a new permit is issued; or use any premises described for any purposes or in any nicipality; to enter and inspect activity covered under the provisions of es in plain view; and, essuance.
Owner:	Date: <u>Recommended but not required by the FPMO</u>
Authorized Agent: <u>Recommended but not required by the FPMO</u> Signature	Date: <u>Recommended but not required by the FPMO</u>
Issued by:Recommended but not required by the FPMO	Date: <u>Recommended but not required by the FPMO</u>

Permit #: Recommended but not required by the FPMO

FLOOD HAZARD DEVELOPMENT PERMIT

For Conditional Use Community Name, Maine

This Flood Hazard Development Permit allows new construction or substantial improvement of any structure which has been reviewed and approved, or approved with conditions, by the Planning Board as a Conditional Use, only as provided for in the Floodplain Management Ordinance of Community Name, Maine, and pursuant to Article VII of the Ordinance. Development authorized by this permit must meet the conditional use requirements specified in Article VI.P.7. of the Ordinance. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: [Recommended bu	Lot #: tt not required by the FPMO]	
Project Description [Recommended bu	n: tt not required by the FPMO]	
Project Condition([Recommended bu	s): tt not required by the FPMO]	
The permittee un	derstands and agrees that:	
 The permit ma Once a permit The permit wi manner prohib The permittee the Floodplair The permit for The permit wi 	n Management Ordinance; rm will be posted in a conspicuous place on the premises i ll expire if no work is commenced within 180 days of issu	d or a new permit is issued; use any premises described for any purposes or in any cipality; enter and inspect activity covered under the provisions of in plain view; and, uance.
I hereby certify that proposed developm	at all the statements in, and in the attachments to this perment project.	it are a true description of the existing property and the
Owner:	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
Authorized Agent:	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
Issued by:	Recommended but not required by the FPMO	Date: <u>Recommended but not required by the FPMO</u>

Permit #: <u>Recommended but not required by the FPMO</u>

FLOOD HAZARD DEVELOPMENT PERMIT For FLOODPROOFING

Non-Residential Structures Community Name, Maine

This Flood Hazard Development Permit allows Floodproofing of Non-residential Structures in a Special Flood Hazard Area. Floodproofing means any combination of structural and non-structural additions, changes or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and contents. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance. [Article V.F.2.]

If the floodproofing is to serve as a method of bringing a structure into compliance with National Flood Insurance Program (NFIP) elevation requirements:

- All standards required by NFIP 44 CFR 60.3(c)(3) and all standards required by Article VI.G. of the Floodplain Management Ordinance must be met; and
- The application for this permit must include a FEMA Floodproofing Certificate (Form 81-65) signed by a registered professional engineer or architect certifying that the design and methods of construction will be in accordance with accepted standards of practice for meeting the provisions of NFIP 44 CFR 60.3(c)(3) as well as Article VI.G. of the Floodplain Management Ordinance. [Article VI.G. and NFIP Reg Part 60.3(c)(4)]

A Flood Hazard Development Permit for Floodproofing is hereby issued as provided under Article V.F. of the Floodplain Management Ordinance of <u>Community Name</u>, Maine, for development as defined in said ordinance.

Tax Map:	Lot #:
[Recommended but not required b	by the FPMO]
•	*

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- The permit will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this permit are a true description of the existing property and the proposed development project.

Owner:	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMC</u>
or	Sig.initi.	
Authorized Agent: _	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
Issued by:	Recommended but not required by the FPMO	Date: <u>Recommended but not required by the FPMO</u>
Permit #:	Recommended but not required by the FPMO	

CERTIFICATE OF COMPLIANCE

Community Name, Maine

Owner:Recommended but not required by the FPMO	
Address: <u>Recommended but not required by the FPMC</u>	<u>, </u>
Tax Map: Lot #:	
Location of Property:	
The development described above has been constructed in con-	
(<u>City/Town</u>) of, M	Iaine. [Article VIII]
A variance □ was □ was not required	I for this development.
This determination is based on: Elevation Certificate de provided by: [check appropriate box] [Required for New York Provided by: [check appropriate box]	ata
☐ Professional land Surveyor Name: Address:	☐ Architect Name: Address:
License #:	License #:
☐ Professional Engineer Name: Address:	
License #:	
☐ On Site Inspection by Code Enforcement Officer:	Cecommended but not required by the FPMO Code Enforcement Officer (please print)
Signature: <u>Recommended but not required by the FPMO</u>	Date: <u>Recommended but not required by the FPMO</u>
Flood Hazard Development Permit #:	

National Flood Insurance Program

V-ZONE CERTIFICATE

[A V-Zone certification is required by the FPMO at Article VI.P.2.c]

Name	Policy Number (Insurance Co. Use)				
Building Address or				/	
_					
-		Stat	e 7	Zip Code	
S	SECTION I: Flood Insu			_	
Community Number	Panel Number	Suffix	Date of FIRM Index _	FIRM Zone	
		II: Elevation In			
	NOTE: This Certificate do	es not substitute fo	or an Elevation Certificate		
1. Elevation of the Botto	om of Lowest Horizontal	Structural Mem	ıber	feet (NGVD)	
	(BFE)				
	Adjacent Grade				
	f Anticipated Scour/Eros				
	Pilings or Foundation Be		9		
•			•		
	SECTION III: V				
	NOTE: This section must be	certified by a regi	stered engineer or architect		
 methods of construction to be The bottom of the lowest the BFE; and 	d or reviewed the structural de e used are in accordance with a t horizontal structural member	accepted standards r of the lowest floo	of practice for meeting the for (excluding piles and column	ollowing provisions: ns) is elevated to or above	
to the effects of the wind associated with the base	ndation and structure attached and water loads acting simult flood. Wind loading values us rosion at the foundation has be	taneously on all bu sed are those requir	ilding components. Water loaded by the applicable State or	ading values used are those local building code. The	
	SECTION IV: Break	away Wall Cei	rtification Statement		
	NOTE: This section must be	certified by a regis	stered engineer or architect		
I certify that I have developed	reakaway walls exceed a design or reviewed the structural decreased for the breakaway walls	esign, plans, and sp	ecifications for construction	and that the design and	
 Breakaway wall collapse The elevated portion of t structural damage doe to 	e shall result from a water load he building and supporting for the effects of wind and water I are defined in Section III).	undation system sh	nall not be subject to collapse	, displacement, or other	
	SECTI	ON V: Certific	cation		
	Signature below certif	fies: Section	III; Section IV		
Certifier's Name					
Title		Licer			
Street Address		State	7	Zin Code	
City		_ state	Z	ыр code	

_____ Date ______ Telephone Number _____

National Flood Insurance Program

Hydraulic Openings Certificate
[A Hydraulic Openings certification is required by the FPMO at Article III.K.3. for all engineered hydraulic openings other than those specified by the FPMO at Article VI.L.2.b.]

I,			
		Certifier's Name	Title
		Type of License	License Number
Company Name			
Street Address			
City, State, Zip	Telephone Number		
Signature	Date		
PROFESSIONAL SEAL			